

FIG. 1A  
PRIOR ART

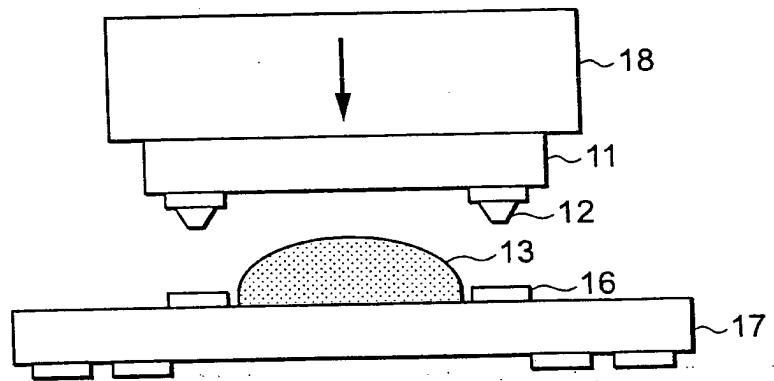
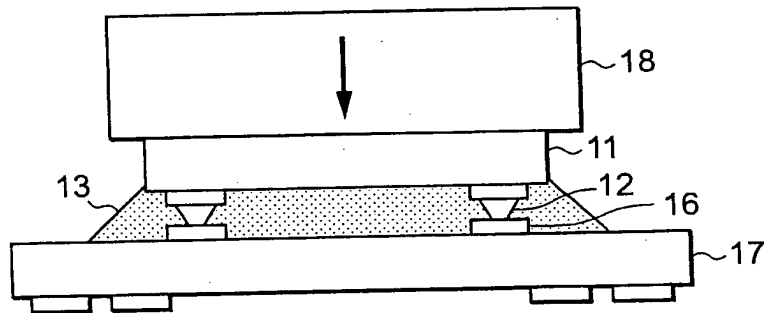


FIG. 1B  
PRIOR ART



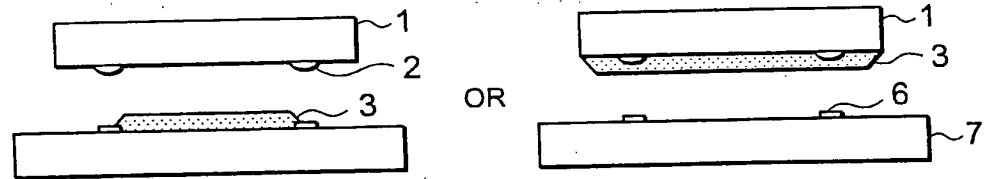
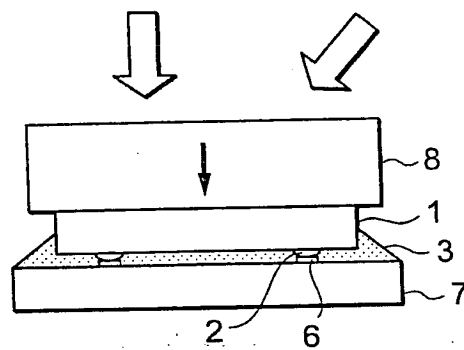
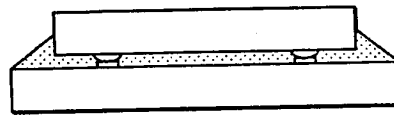


FIG. 2A



THERMOPLASTIC RESIN  
MELTS AND MAKES  
CONTACT (2 TO 3 SEC)  
HEAT OR ULTRASONICS

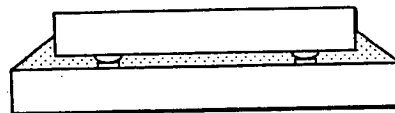
FIG. 2B



THERMOPLASTIC RESIN  
HARDENS AND FIXES  
CONTRACTION OF  
THERMOPLASTIC RESIN  
DUE TO COOLING +  
(CONTRACTION OF  
THERMOSETTING RESIN)

FIG. 2C

BATCH PROCESSING WITH  
NO PRESSURE APPLIED



CONTRACTION OF  
THERMOSETTING  
RESIN DUE TO  
CURING REACTION

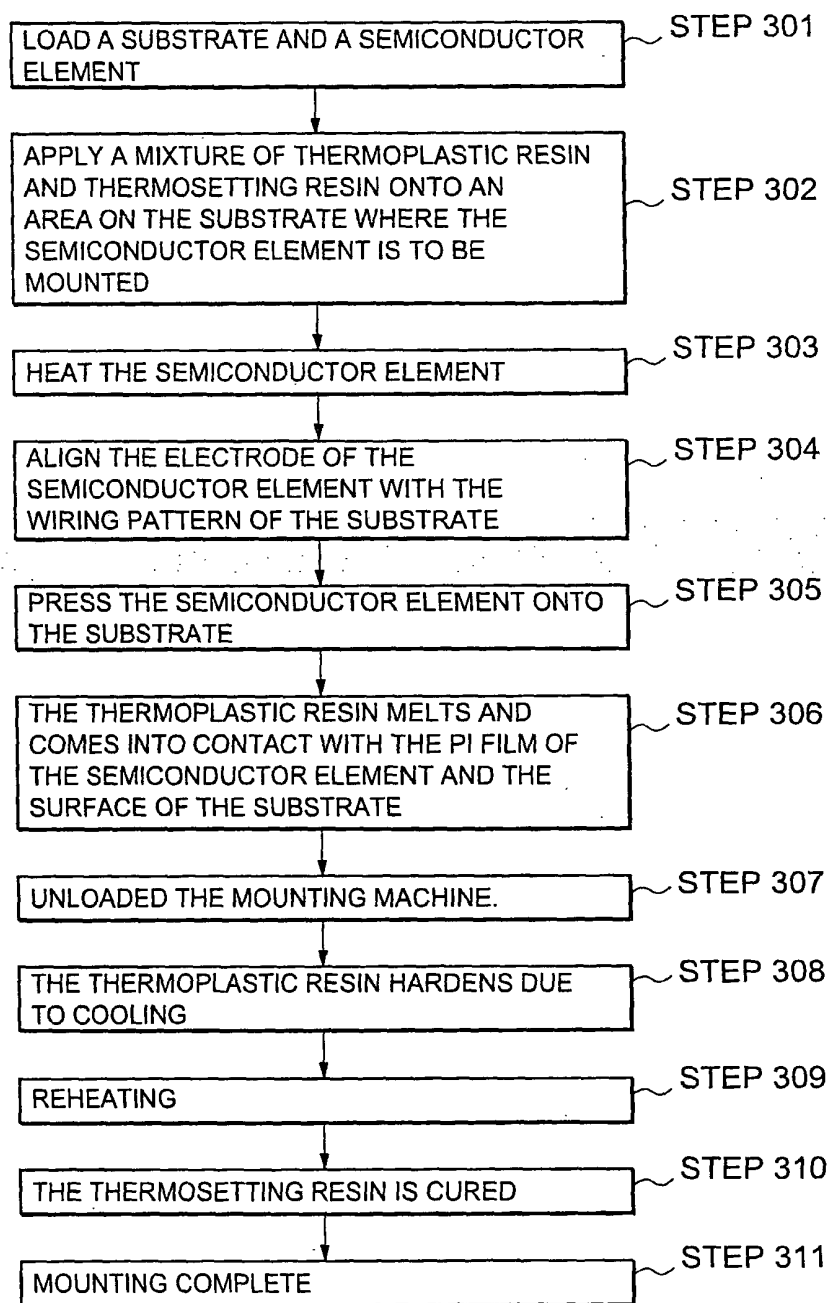


FIG. 3A

FIG. 3B

FIG. 3C

FIG. 4

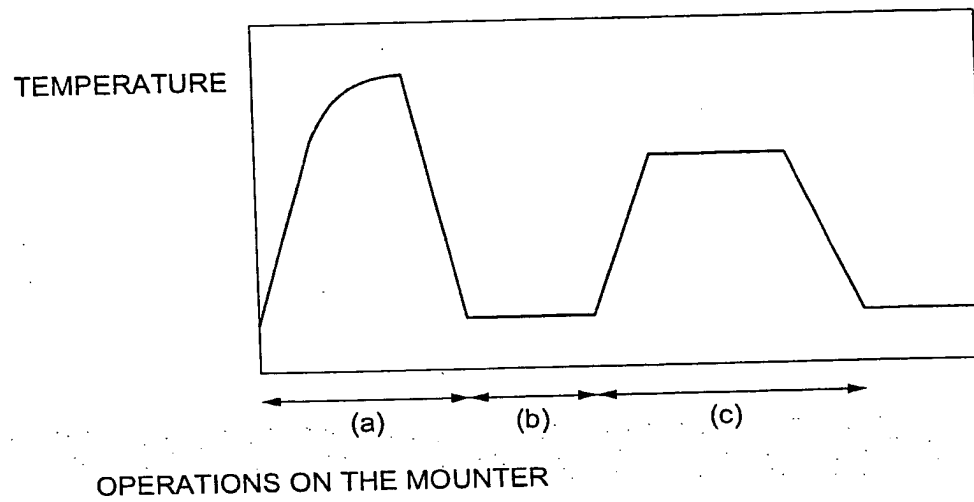


FIG. 5

